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Total Number of Pages in This Submission

Application Number	10/601,048
Filing Date	June 20, 2003
First Named Inventor	CHERNYAK, DIMITRI
Art Unit	3737
Examiner Name	Sanders
Attorney Docket Number	018158-021800US

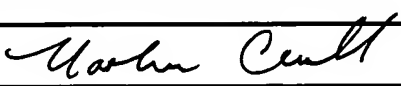
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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Nathan S. Cassell		
Date	December <u>10</u> , 2004	Reg. No.	42,396

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Date

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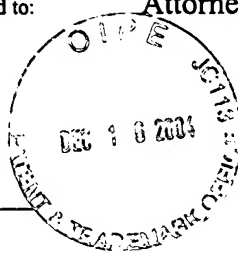
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TOWNSEND and TOWNSEND and CREW LLP

By:

A handwritten signature in black ink, appearing to be "Tiffany Wu".

Tiffany Wu

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DIMITRI CHERNYAK et al.

Application No.: 10/601,048

Filed: June 20, 2003

For: WAVEFRONT
RECONSTRUCTION USING FOURIER
TRANSFORMATION AND DIRECT
INTEGRATION

Examiner: Sanders

Art Unit: 3737

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

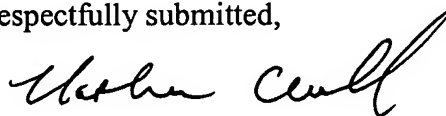
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Nathan S. Cassell
Reg. No. 42,396

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60374862 v1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/601,048
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First Named Inventor	CHERNYAK, DIMITRI
Art Unit	3737
Examiner Name	Sanders
Attorney Docket Number	018158-021800US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	3,936,160	02-03-1976	Von Bieren	
	2	4,665,913	05-19-1987	L'Esperance, Jr.	
	3	5,144,630	09-01-1992	Lin	
	4	5,220,360	06-15-1993	Verdooner et al.	
	5	5,233,517	08-03-1993	Jindra	
	6	5,520,679	05-28-1996	Lin	
	7	5,646,791	07-08-1997	Glockler	
	8	5,683,379	11-04-1997	Hohla	
	9	5,713,892	02-03-1998	Shimmick	
	10	5,737,059	04-07-1998	Tanaka	
	11	5,742,626	04-21-1998	Mead et al.	
	12	5,782,822	07-21-1998	Telfair et al.	
	13	5,818,957	10-06-1998	Mammone	
	14	5,936,720	08-10-1999	Neal et al.	
	15	6,004,313	12-21-1999	Shimmick et al.	
	16	6,090,102	07-18-2000	Telfair et al.	
	17	6,095,651	08-01-2000	Williams et al.	
	18	6,199,986	03-13-2001	Williams et al.	
	19	6,271,915	08-07-2001	Frey et al.	
	20	6,184,974 B1	02-06-2001	Neal et al.	
	21	6,299,311 B1	10-09-2001	Williams et al.	
	22	6,331,059 B1	12-18-2001	Kudryashov et al.	
	23	2002/0027640 A1	03-07-2002	Campin	
	24	2002/0097376 A1	07-25-2002	Applegate et al.	
	25	2002/0097377 A1	07-25-2002	Kudryashov et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	26	WO	92/01417		02-06-1992	Horwitz		<input type="checkbox"/>
	27	WO	02/19901		02-14-2002	Van Den Berg et al.		<input type="checkbox"/>
	28	WO	02/30273		04-18-2002	Williams et al.		<input type="checkbox"/>
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/601,048		
		Filing Date	June 20, 2003		
		First Named Inventor	CHERNYAK, DIMITRI		
		Art Unit	3737		
		Examiner Name	Sanders		
Sheet	2	of	2	Attorney Docket Number	018158-021800US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	29	Guirao, A. and Artal, P., "Corneal wave aberration from videokeratography: Accuracy and limitations of the procedure," JOSA A, Vol. 17, No. 6 (2000).	
	30	Hamam, Habib "A Quick Method for Analyzing Hartmann-Shack Patterns: Application to Refractive Surgery" J. of Refr. Surg., Vol. 16 (Sept/Oct 2000), pp. S636-642.	
	31	Ishkander et al., "An Alternative Polynomial Representation of the Wavefront Error Function," IEEE Transactions on Biomedical Engineering, Vol. 49, No. 4, (2002).	
	32	Ishkander et al., "Modeling of Corneal Surfaces With Radial Polynomials," Invest Ophthalmol Vis Sci;43: E-Abstract, (2002), downloaded on 11-19-04 from << http://abstracts.iovs.org/cgi/content/abstract/43/12/1898?maxtoshow=&HITS=10&RESUTLF... >>, 1 page total.	
	33	Klein, Stanley A. et al. "Line of Sight and Alternative Representations of Aberrations of the Eye" J. of Refr. Surg., Vol. 16 (Sept/Oct 2000), pp. S630-635.	
	34	Liang et al., in Objective Measurement of Wave Aberrations of the Human Eye with the Use of a Harman-Shack Wave-front Sensor, Journal Optical Society of America, Jul. 1994, vol. 11, No. 7, pp. 1-9.	
	35	Roddier and C. Roddier, "Wavefront reconstruction using iterative Fourier transforms," Applied Optics, 30:11 1325-1327 (1991).	
	36	Schweigerling, J., and Grievenkamp, J.E., "Using corneal height maps and polynomial decomposition to determine corneal aberrations," Opt. Vis. Sci., Vol. 74, No. 11 (1997)	
	37	Thibos, Larry N. "Wavefront Data Reporting and Terminology" J. of Refr. Surg. Vol. 17 (Sept/Oct 2001) pp. S578-583.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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